

09/979 558

PG PUB

.rnpbm 5

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OM nucleic - nucleic search, using sw model

Run on: December 5, 2005, 12:37:13 ; Search time 9 Seconds
(without alignments)
3.219 Million cell updates/sec

Title: US-09-979-558A-1
Perfect score: 1526
Sequence: 1 ttgatcatggctccagatt.....acctgcggctggatcacctc 1526

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 487 seqs, 9493 residues

Total number of hits satisfying chosen parameters: 974

Minimum DB seq length: 15
Maximum DB seq length: 100

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 488 summaries

Database : us-09-979-558a-1.rnpbm4:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	57	3.7	59	1 US-08-781-986A-4958	Sequence 4958, Ap
2	57	3.7	59	1 US-10-329-624-4958	Sequence 4958, Ap
3	49	3.2	50	1 US-10-343-319-102	Sequence 102, App
4	49	3.2	50	1 US-10-343-319-104	Sequence 104, App
5	48.4	3.2	50	1 US-10-343-319-88	Sequence 88, Appl
6	48.4	3.2	50	1 US-10-343-319-99	Sequence 99, Appl
7	48	3.1	50	1 US-10-343-319-80	Sequence 80, Appl
8	48	3.1	50	1 US-10-343-319-81	Sequence 81, Appl
9	34.4	2.3	36	1 US-10-612-224-240	Sequence 240, App
c 10	32	2.1	32	1 US-09-891-517-53	Sequence 53, Appl
c 11	32	2.1	32	1 US-10-399-407-2	Sequence 2, Appli
12	31	2.0	31	1 US-09-027-439-13	Sequence 13, Appl
13	30	2.0	30	1 US-09-940-860-6	Sequence 6, Appli
c 14	27	1.8	27	1 US-09-940-925A-155	Sequence 155, App
c 15	27	1.8	27	1 US-09-941-193A-155	Sequence 155, App
16	27	1.8	27	1 US-10-303-199A-5	Sequence 5, Appli
c 17	27	1.8	27	1 US-10-409-594-155	Sequence 155, App

c	18	26	1.7	26	1	US-09-736-151-4	Sequence 4, Appli
c	19	26	1.7	26	1	US-09-736-151-5	Sequence 5, Appli
c	20	26	1.7	26	1	US-09-736-151-6	Sequence 6, Appli
c	21	26	1.7	26	1	US-09-736-151-7	Sequence 7, Appli
c	22	26	1.7	26	1	US-09-736-151-8	Sequence 8, Appli
c	23	26	1.7	26	1	US-09-736-151-9	Sequence 9, Appli
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	25	26	1.7	26	1	US-09-808-558-2	Sequence 2, Appli
c	26	26	1.7	26	1	US-10-020-596-1	Sequence 1, Appli
	27	26	1.7	26	1	US-10-020-596-2	Sequence 2, Appli
	28	26	1.7	26	1	US-10-233-223-1	Sequence 1, Appli
c	29	26	1.7	26	1	US-10-233-223-2	Sequence 2, Appli
c	30	26	1.7	26	1	US-10-343-319-2	Sequence 2, Appli
c	31	26	1.7	26	1	US-10-712-525-1	Sequence 1, Appli
	32	26	1.7	26	1	US-10-712-525-2	Sequence 2, Appli
c	33	26	1.7	26	1	US-10-478-088-7	Sequence 7, Appli
	34	26	1.7	26	1	US-10-660-122-30	Sequence 30, Appl
	35	26	1.7	26	1	US-10-973-162-1	Sequence 1, Appli
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c	38	26	1.7	26	1	US-10-973-162-4	Sequence 4, Appli
c	39	26	1.7	26	1	US-10-973-162-5	Sequence 5, Appli
c	40	26	1.7	26	1	US-10-973-162-6	Sequence 6, Appli
c	41	26	1.7	26	1	US-10-973-162-7	Sequence 7, Appli
	42	26	1.7	26	1	US-10-973-162-8	Sequence 8, Appli
	43	26	1.7	26	1	US-10-973-162-9	Sequence 9, Appli
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c	46	25	1.6	25	1	US-09-452-599-124	Sequence 124, App
c	47	25	1.6	25	1	US-10-121-120-124	Sequence 124, App
c	48	25	1.6	25	1	US-10-121-120-124	Sequence 124, App
	49	25	1.6	25	1	US-10-441-158-54	Sequence 54, Appl
	50	25	1.6	25	1	US-10-660-122-10	Sequence 10, Appl
	51	23	1.5	23	1	US-09-931-486-155	Sequence 155, App
c	52	23	1.5	23	1	US-10-029-397A-3	Sequence 3, Appli
c	53	23	1.5	23	1	US-10-029-397A-4	Sequence 4, Appli
c	54	23	1.5	23	1	US-10-029-397A-5	Sequence 5, Appli
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	56	23	1.5	23	1	US-10-361-002-66	Sequence 66, Appl
	57	23	1.5	23	1	US-10-361-004-66	Sequence 66, Appl
	58	23	1.5	23	1	US-10-810-550-109	Sequence 109, App
	59	23	1.5	23	1	US-10-805-292-75	Sequence 75, Appl
	60	23	1.5	23	1	US-10-895-114-155	Sequence 155, App
	61	23	1.5	23	1	US-10-848-126-75	Sequence 75, Appl
c	62	22.6	1.5	23	1	US-10-085-134A-3	Sequence 3, Appli
	63	22.6	1.5	23	1	US-10-085-134A-7	Sequence 7, Appli
c	64	22.6	1.5	23	1	US-10-743-384-3	Sequence 3, Appli
	65	22.6	1.5	23	1	US-10-743-384-7	Sequence 7, Appli
c	66	22	1.4	22	1	US-09-726-774-30	Sequence 30, Appl
c	67	22	1.4	22	1	US-09-991-518A-2	Sequence 2, Appli
	68	22	1.4	22	1	US-10-085-134A-1	Sequence 1, Appli
	69	22	1.4	22	1	US-10-085-134A-5	Sequence 5, Appli
	70	22	1.4	22	1	US-10-441-158-80	Sequence 80, Appl
	71	22	1.4	22	1	US-10-315-317-11	Sequence 11, Appl
	72	22	1.4	22	1	US-10-315-217-11	Sequence 11, Appl
c	73	22	1.4	22	1	US-10-719-633-30	Sequence 30, Appl
	74	22	1.4	22	1	US-10-660-122-32	Sequence 32, Appl

	75	22	1.4	22	1	US-10-660-122-34	Sequence 34, Appl
c	76	22	1.4	22	1	US-10-660-122-213	Sequence 213, App
	77	22	1.4	22	1	US-10-660-122-218	Sequence 218, App
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	80	22	1.4	22	1	US-10-743-384-1	Sequence 1, Appli
	81	22	1.4	22	1	US-10-743-384-5	Sequence 5, Appli
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c	83	22	1.4	22	1	US-10-805-292-78	Sequence 78, Appl
	84	22	1.4	22	1	US-10-168-639B-30	Sequence 30, Appl
c	85	22	1.4	22	1	US-10-972-530-10	Sequence 10, Appl
c	86	22	1.4	22	1	US-10-848-126-78	Sequence 78, Appl
c	87	22	1.4	23	1	US-10-029-397A-2	Sequence 2, Appli
c	88	22	1.4	23	1	US-10-343-319-3	Sequence 3, Appli
c	89	21.6	1.4	22	1	US-10-396-446-5	Sequence 5, Appli
c	90	21.6	1.4	22	1	US-10-477-469-10	Sequence 10, Appl
	91	21.6	1.4	22	1	US-10-493-436-9	Sequence 9, Appli
c	92	21	1.4	21	1	US-09-726-774-23	Sequence 23, Appl
c	93	21	1.4	21	1	US-09-726-774-24	Sequence 24, Appl
c	94	21	1.4	21	1	US-09-726-774-25	Sequence 25, Appl
c	95	21	1.4	21	1	US-09-726-774-28	Sequence 28, Appl
	96	21	1.4	21	1	US-10-291-205A-15	Sequence 15, Appl
	97	21	1.4	21	1	US-10-323-069A-1	Sequence 1, Appli
	98	21	1.4	21	1	US-10-438-774-5	Sequence 5, Appli
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c	101	21	1.4	21	1	US-10-719-633-24	Sequence 24, Appl
c	102	21	1.4	21	1	US-10-719-633-25	Sequence 25, Appl
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	104	21	1.4	21	1	US-10-729-961-8	Sequence 8, Appli
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	107	21	1.4	21	1	US-10-851-965-1	Sequence 1, Appli
	108	21	1.4	21	1	US-10-697-802A-111	Sequence 111, App
c	109	21	1.4	21	1	US-10-697-802A-145	Sequence 145, App
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	113	21	1.4	22	1	US-10-672-238-103	Sequence 103, App
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c	115	20.6	1.3	21	1	US-10-466-016-2	Sequence 2, Appli
c	116	20.6	1.3	21	1	US-10-793-643A-2	Sequence 2, Appli
c	117	20	1.3	20	1	US-09-452-599-127	Sequence 127, App
	118	20	1.3	20	1	US-09-865-807-1	Sequence 1, Appli
c	119	20	1.3	20	1	US-09-726-774-29	Sequence 29, Appl
c	120	20	1.3	20	1	US-09-726-774-114	Sequence 114, App
c	121	20	1.3	20	1	US-09-954-314-33	Sequence 33, Appl
	122	20	1.3	20	1	US-09-954-314-37	Sequence 37, Appl
c	123	20	1.3	20	1	US-09-968-084A-5	Sequence 5, Appli
	124	20	1.3	20	1	US-09-954-594A-1	Sequence 1, Appli
	125	20	1.3	20	1	US-09-974-685-1	Sequence 1, Appli
c	126	20	1.3	20	1	US-09-802-110B-24	Sequence 24, Appl
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c	128	20	1.3	20	1	US-09-802-110B-28	Sequence 28, Appl
c	129	20	1.3	20	1	US-09-802-110B-30	Sequence 30, Appl
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	131	20	1.3	20	1	US-09-940-860-1	Sequence 1, Appli

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133	20	1.3	20	1	US-10-001-048-5	Sequence 5, Appli
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135	20	1.3	20	1	US-10-197-185-1	Sequence 1, Appli
c 136	20	1.3	20	1	US-10-233-223-3	Sequence 3, Appli
c 137	20	1.3	20	1	US-10-230-562-33	Sequence 33, Appl
138	20	1.3	20	1	US-10-230-562-37	Sequence 37, Appl
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140	20	1.3	20	1	US-10-230-026-59	Sequence 59, Appl
141	20	1.3	20	1	US-10-166-225A-7	Sequence 7, Appli
142	20	1.3	20	1	US-10-166-225A-8	Sequence 8, Appli
c 143	20	1.3	20	1	US-10-166-225A-11	Sequence 11, Appl
c 144	20	1.3	20	1	US-10-087-221-3	Sequence 3, Appli
c 145	20	1.3	20	1	US-10-121-120-127	Sequence 127, App
c 146	20	1.3	20	1	US-10-121-120-127	Sequence 127, App
c 147	20	1.3	20	1	US-10-085-871C-6	Sequence 6, Appli
c 148	20	1.3	20	1	US-10-257-493-2	Sequence 2, Appli
149	20	1.3	20	1	US-10-464-724-14	Sequence 14, Appl
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151	20	1.3	20	1	US-10-464-709-14	Sequence 14, Appl
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c 155	20	1.3	20	1	US-10-303-199A-7	Sequence 7, Appli
c 156	20	1.3	20	1	US-10-719-633-29	Sequence 29, Appl
c 157	20	1.3	20	1	US-10-719-633-114	Sequence 114, App
c 158	20	1.3	20	1	US-10-466-369-25	Sequence 25, Appl
159	20	1.3	20	1	US-10-361-002-65	Sequence 65, Appl
160	20	1.3	20	1	US-10-361-004-65	Sequence 65, Appl
161	20	1.3	20	1	US-10-660-122-14	Sequence 14, Appl
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c 167	20	1.3	20	1	US-10-660-122-337	Sequence 337, App
c 168	20	1.3	20	1	US-10-486-307-55	Sequence 55, Appl
169	20	1.3	20	1	US-10-486-307-59	Sequence 59, Appl
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c 171	20	1.3	20	1	US-10-613-365-2	Sequence 2, Appli
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c 173	20	1.3	20	1	US-10-727-643-6	Sequence 6, Appli
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c 175	20	1.3	20	1	US-10-168-639B-10	Sequence 10, Appl
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177	20	1.3	20	1	US-10-697-802A-112	Sequence 112, App
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c 179	20	1.3	20	1	US-10-697-802A-144	Sequence 144, App
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c 181	20	1.3	21	1	US-09-726-774-22	Sequence 22, Appl
c 182	20	1.3	21	1	US-09-848-727-25	Sequence 25, Appl
c 183	20	1.3	21	1	US-10-719-633-22	Sequence 22, Appl
184	20	1.3	21	1	US-10-478-088-10	Sequence 10, Appl
185	19.6	1.3	20	1	US-09-802-110B-23	Sequence 23, Appl
186	19.6	1.3	20	1	US-11-050-445-68	Sequence 68, Appl
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189	19.2	1.3	20	1	US-10-897-592A-1	Sequence 1, Appli
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c 192	19	1.2	19	1	US-09-891-517-74	Sequence 74, Appl
193	19	1.2	19	1	US-09-891-517-75	Sequence 75, Appl
194	19	1.2	19	1	US-09-891-517-82	Sequence 82, Appl
195	19	1.2	19	1	US-09-848-727-4	Sequence 4, Appli
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c 197	19	1.2	19	1	US-09-924-097-17	Sequence 17, Appl
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208	19	1.2	19	1	US-10-683-386-65	Sequence 65, Appl
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c 237	19	1.2	19	1	US-10-697-802A-143	Sequence 143, App
238	19	1.2	19	1	US-10-911-164-67	Sequence 67, Appl
239	19	1.2	19	1	US-10-972-530-11	Sequence 11, Appl
c 240	19	1.2	19	1	US-10-972-530-14	Sequence 14, Appl
c 241	19	1.2	19	1	US-10-794-381-28	Sequence 28, Appl
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c 243	19	1.2	20	1	US-10-660-122-209	Sequence 209, App
244	19	1.2	20	1	US-10-493-436-10	Sequence 10, Appl
c 245	18	1.2	18	1	US-09-726-774-133	Sequence 133, App

246	18	1.2	18	1	US-09-802-110B-25	Sequence 25, Appl
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248	18	1.2	18	1	US-10-166-225A-5	Sequence 5, Appli
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254	18	1.2	18	1	US-10-660-122-24	Sequence 24, Appl
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c 258	18	1.2	18	1	US-10-660-122-119	Sequence 119, App
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261	18	1.2	18	1	US-10-660-122-200	Sequence 200, App
262	18	1.2	18	1	US-10-660-122-246	Sequence 246, App
c 263	18	1.2	18	1	US-10-660-122-251	Sequence 251, App
c 264	18	1.2	18	1	US-10-660-122-335	Sequence 335, App
265	18	1.2	18	1	US-10-728-337-21	Sequence 21, Appl
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267	18	1.2	18	1	US-10-697-802A-99	Sequence 99, Appl
268	18	1.2	18	1	US-10-697-802A-101	Sequence 101, App
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270	18	1.2	18	1	US-10-697-802A-114	Sequence 114, App
c 271	18	1.2	18	1	US-10-697-802A-124	Sequence 124, App
c 272	18	1.2	18	1	US-10-697-802A-131	Sequence 131, App
c 273	18	1.2	18	1	US-10-697-802A-135	Sequence 135, App
c 274	18	1.2	18	1	US-10-697-802A-142	Sequence 142, App
c 275	18	1.2	18	1	US-10-911-318-131	Sequence 131, App
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c 277	17.6	1.2	18	1	US-10-740-926-14	Sequence 14, Appl
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281	17.2	1.1	18	1	US-09-780-113D-2	Sequence 2, Appli
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c 283	17.2	1.1	18	1	US-10-053-243-6	Sequence 6, Appli
c 284	17.2	1.1	18	1	US-10-057-753-2	Sequence 2, Appli
c 285	17.2	1.1	18	1	US-10-230-562-35	Sequence 35, Appl
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c 302	17	1.1	17	1	US-10-612-224-245	Sequence 245, App

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309	17	1.1	17	1	US-10-660-122-244	Sequence 244, App
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c 325	17	1.1	17	1	US-10-697-802A-130	Sequence 130, App
c 326	17	1.1	17	1	US-10-697-802A-136	Sequence 136, App
c 327	17	1.1	17	1	US-10-697-802A-141	Sequence 141, App
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c 334	16.6	1.1	17	1	US-10-235-181-6	Sequence 6, Appli
c 335	16.6	1.1	17	1	US-10-085-871C-4	Sequence 4, Appli
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344	16.2	1.1	17	1	US-10-219-549-4	Sequence 4, Appli
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355	16.2	1.1	17	1	US-10-486-307-61	Sequence 61, Appl
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c 461	15	1.0	15	1	US-10-486-307-54	Sequence 54, Appl
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c 483	15	1.0	15	1	US-10-697-802A-138	Sequence 138, App
c 484	15	1.0	15	1	US-10-697-802A-139	Sequence 139, App
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c 487	15	1.0	15	1	US-11-015-433-8	Sequence 8, Appli
c 488	14.6	1.0	15	1	US-10-053-243-7	Sequence 7, Appli

Gen Seq
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GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: December 5, 2005, 14:43:47 ; Search time 17 Seconds
(without alignments)
3.811 Million cell updates/sec

Title: US-09-979-558A-1
Perfect score: 1526
Sequence: 1 tttgatcatggctccagatt.....acctgcggctggatcacctc 1526

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 1073 seqs, 21226 residues

Total number of hits satisfying chosen parameters: 2146

Minimum DB seq length: 15
Maximum DB seq length: 100

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1074 summaries

Database : us-09-979-558a-1.rng4:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	57	3.7	59	1	AAV79269	Staphylococcus aur
2	52	3.4	52	1	AAA14443	Escherichia coli 1
3	52	3.4	52	1	AAC63206	16S rRNA fragment.
c 4	52	3.4	52	1	AAC63204	Capture probe #2 u
5	49.8	3.3	51	1	ADO85475	Bacterial 16S rRNA
6	49	3.2	50	1	ABL59817	Peptostreptococcus
7	49	3.2	50	1	ABL59819	Fusobacterium nucl
8	49	3.2	50	1	ABL59816	Clostridium botuli
9	48.4	3.2	50	1	ABL59813	Enterococcus faeca
10	48.4	3.2	50	1	ABL59801	Caulobacter vibrio
11	48.4	3.2	50	1	ABL59758	Coxiella burnetii
12	48	3.1	50	1	ABL59792	Neisseria meningit
13	48	3.1	50	1	ABL59791	Thiomicrospira den
c 14	37.4	2.5	39	1	AAF23098	E. coli rRNA speci
15	35.4	2.3	37	1	ABX94830	16S rRNA forward P
16	35.4	2.3	37	1	ABX94859	16S rRNA detection
c 17	35.4	2.3	37	1	ADQ14672	Lactobacillus iden
18	34.4	2.3	36	1	ADK51763	Novel rRNA plasmid

c	19	34.2	2.2	35	1	ABX94831	16S rRNA reverse P
c	20	34.2	2.2	35	1	ABX94860	16S rRNA detection
	21	34	2.2	34	1	AAH28414	PCR primer for intChlamydia
	22	33.4	2.2	35	1	AAT12768	Probe corresp. to
c	23	32	2.1	32	1	ABL95880	PCR primer #2 for
c	24	32	2.1	32	1	ABQ77839	Reverse PCR primer
c	25	31.4	2.1	33	1	AAQ10121	Probe 1742 to the
c	26	31.4	2.1	33	1	AAQ44469	Sequence of helper
	27	31	2.0	31	1	ABL54811	E. coli 16s rDNA f
c	28	30.4	2.0	32	1	AAQ10072	Sequence of region
	29	30	2.0	30	1	ADI04187	PEU 7/PEU 8 target
	30	30	2.0	30	1	ADY97247	Nucleic acid probe
	31	30	2.0	30	1	ADY97253	Nucleic acid probe
c	32	30	2.0	30	1	ADY97250	Nucleic acid probe
	33	30	2.0	31	1	AAX02738	Eubacterial 16S rR
c	34	29	1.9	30	1	ABT44499	Oligonucleotide pr
	35	29	1.9	30	1	ADY97258	Nucleic acid probe
c	36	28	1.8	28	1	AAQ70285	Salmonella sp. cap
c	37	28	1.8	28	1	ADW64276	Pathogen detection
c	38	27	1.8	27	1	AAQ10124	Probe 1743 to the
c	39	27	1.8	27	1	AAT29137	Primer (1743) for
	40	27	1.8	27	1	AAT74104	Probe RDR244 for i
c	41	27	1.8	27	1	AAT74105	Probe RDR245 for i
c	42	27	1.8	27	1	ADB16296	Cleavase BN DNA su
c	43	27	1.8	27	1	ADL06352	Bacterial 16s rRNA
	44	27	1.8	27	1	ADM96496	PCR primer of the
c	45	27	1.8	27	1	ADW64274	Pathogen detection
c	46	26	1.7	26	1	AAN80834	Probe no.3 for 16S
c	47	26	1.7	26	1	AAN97224	Probe contg. 5'-am
c	48	26	1.7	26	1	AAQ55675	Amine linker conta
c	49	26	1.7	26	1	AAT73684	RNA acridinium est
c	50	26	1.7	26	1	AAT73680	Acridinium ester 1
c	51	26	1.7	26	1	AAT43265	Probe #4 used in m
c	52	26	1.7	26	1	AAV01611	Linker-modified ol
	53	26	1.7	26	1	AAV06803	Target oligonucleo
c	54	26	1.7	26	1	AAV06802	Modified oligonucle
c	55	26	1.7	26	1	AAT86639	Oligonucleotide #1
c	56	26	1.7	26	1	AAZ09277	Acridinium ester 1
c	57	26	1.7	26	1	AAZ60216	Probe #1 containin
c	58	26	1.7	26	1	AAZ95615	Linker reagent rel
c	59	26	1.7	26	1	AAZ95618	Linker reagent rel
c	60	26	1.7	26	1	AAH44126	DNA labelling rela
c	61	26	1.7	26	1	AAH44125	DNA labelling rela
c	62	26	1.7	26	1	AAH44128	RNA-alpha-s labell
c	63	26	1.7	26	1	AAH44129	RNA-alpha-s labell
c	64	26	1.7	26	1	AAH44127	DNA labelling rela
c	65	26	1.7	26	1	AAH44130	RNA fragmentation
c	66	26	1.7	26	1	AAF23080	Campylobacter 16S
c	67	26	1.7	26	1	AAF23102	Bacterial rRNA spe
c	68	26	1.7	26	1	AAF23044	M. pneumoniae 5S r
c	69	26	1.7	26	1	AAF23079	Campylobacter 16S
c	70	26	1.7	26	1	AAF23062	C. trachomatis 16S
c	71	26	1.7	26	1	AAF23085	Streptococcus 16S
c	72	26	1.7	26	1	ABK90484	Synthetic polynuc
	73	26	1.7	26	1	ABK90485	Synthetic polynuc
c	74	26	1.7	26	1	ABS52480	RNA sequence for f
c	75	26	1.7	26	1	ABS52479	DNA sequence for f

c	76	26	1.7	26	1	ABS52481	RNA sequence for f
c	77	26	1.7	26	1	ABS52482	RNA sequence for f
c	78	26	1.7	26	1	ABS52477	DNA sequence for f
c	79	26	1.7	26	1	ABS52478	DNA sequence for f
c	80	26	1.7	26	1	ABL59823	Universal reverse
	81	26	1.7	26	1	ACC48545	Target RNA for det
c	82	26	1.7	26	1	ACC48546	Affinity-labeled p
c	83	26	1.7	26	1	ABX13407	Yersinia pestis 16
	84	26	1.7	26	1	ABX94857	16S rRNA detection
c	85	26	1.7	26	1	ADL06350	Bacterial 16s rRNA
	86	26	1.7	26	1	ADP47375	Intelligent PCR pr
	87	26	1.7	26	1	ADQ59733	Intelligent PCR pr
c	88	26	1.7	26	1	ADZ69042	16S rRNA PCR prime
c	89	25	1.6	25	1	AAT28553	Universal bacteria
c	90	25	1.6	25	1	ABA76948	Universal hybridis
	91	25	1.6	25	1	AAD30046	Neisseria gonorrhe
	92	25	1.6	25	1	ADP47355	Intelligent PCR pr
	93	25	1.6	25	1	ADQ59713	Intelligent PCR pr
	94	25	1.6	25	1	ADV11899	Novel coliform bac
c	95	24.2	1.6	25	1	ABX94858	16S rRNA detection
	96	24	1.6	24	1	AAT02082	P.cepacia 16S rRNA
	97	24	1.6	24	1	AAT40495	Corynebacterium sp
	98	24	1.6	24	1	AAT40545	Corynebacterium sp
	99	24	1.6	24	1	AAT40547	Corynebacterium sp
c	100	24	1.6	24	1	AAX60968	Acceptor probe hyb
	101	24	1.6	24	1	AAA14444	Tether oligonucleo
	102	24	1.6	24	1	AAA39031	Unknown bacterial
	103	24	1.6	24	1	AAA39032	Unknown bacterial
	104	24	1.6	24	1	AAC82443	C. botulinum 16S r
	105	24	1.6	24	1	AAC82545	Enterobacter sp 16
	106	24	1.6	24	1	AAC82552	H. ducreyi 16S rRN
	107	24	1.6	24	1	AAC82546	Proteus sp 16S rRN
	108	24	1.6	24	1	AAC82551	H. influenzae 16S
	109	24	1.6	24	1	AAC82544	E. coli 16S rRNA D
	110	24	1.6	24	1	AAC82416	E. coli 16S rRNA D
	111	24	1.6	24	1	AAC82442	B. cereus 16S rRNA
	112	24	1.6	24	1	AAC82516	E. coli 16S rRNA D
	113	24	1.6	24	1	AAC82437	E. coli 16S rRNA D
	114	24	1.6	24	1	AAC82444	Yersinia sp 16S rR
	115	24	1.6	24	1	AAC82438	Salmonella sp 16S
	116	24	1.6	24	1	AAC82440	C. perfringens 16S
	117	24	1.6	24	1	AAC82441	Vibrio sp 16S rRNA
	118	24	1.6	24	1	AAD16472	K. singaporensis K
c	119	24	1.6	24	1	AAD16471	K. singaporensis K
	120	24	1.6	24	1	AAD16468	K. singaporensis K
	121	24	1.6	24	1	AAI69778	16S/23SrRNA spacer
	122	24	1.6	24	1	AAC63205	Fluorescent signal
c	123	24	1.6	24	1	ADY80317	Chitosanase produc
	124	24	1.6	25	1	AAT02086	P.cepacia 16S rRNA
	125	24	1.6	25	1	AAT31613	Primer for Rhodoco
	126	24	1.6	25	1	AAT31612	Primer for Rhodoco
	127	24	1.6	25	1	ADX82366	Lactobacillus forw
c	128	23.2	1.5	24	1	AAN90467	Escherichia coli 1
c	129	23.2	1.5	24	1	AAQ10475	Probe UP21A for ba
	130	23	1.5	23	1	AAN82163	Sequence #21 recog
	131	23	1.5	23	1	AAT02083	P.cepacia 16S rRNA
	132	23	1.5	23	1	AAT02079	P.cepacia 16S rRNA

c 133	23	1.5	23	1	AAT01259	Primer for cDNA sy
134	23	1.5	23	1	AAT40496	Corynebacterium sp
135	23	1.5	23	1	AAT40543	Corynebacterium sp
136	23	1.5	23	1	AAT40492	Corynebacterium sp
c 137	23	1.5	23	1	AAT31239	Primer CD for the
138	23	1.5	23	1	AAT34078	P. aeruginosa 16S-
139	23	1.5	23	1	AAV45647	Probe for prokaryo
140	23	1.5	23	1	AAV62776	Probe for prokaryo
141	23	1.5	23	1	AAZ44009	Enterobacteriaceae
142	23	1.5	23	1	AAZ44005	Enterobacteriaceae
143	23	1.5	23	1	AAZ43976	Bacterial 16S rRNA
144	23	1.5	23	1	AAZ44003	Enterobacteriaceae
145	23	1.5	23	1	AAZ43987	Bacteria detecting
146	23	1.5	23	1	AAH44156	Escherichia coli 1
c 147	23	1.5	23	1	AAF81596	Streptomyces ambof
148	23	1.5	23	1	ABL41925	PCR primer used to
c 149	23	1.5	23	1	ABL41935	PCR primer used to
c 150	23	1.5	23	1	ADL18720	MMLV reverse trans
151	23	1.5	23	1	ADR32139	Escherichia coli r
152	23	1.5	23	1	ADR67829	E.coli 16S ribosom
153	23	1.5	23	1	ADS18912	Forward PCR primer
154	23	1.5	23	1	ADU40706	Novel nucleotide a
155	23	1.5	23	1	ADZ66120	16s rRNA forward P
156	23	1.5	23	1	ADU76904	16s rRNA forward P
157	23	1.5	24	1	AAT02087	P.cepacia 16S rRNA
158	23	1.5	24	1	AAT40499	Corynebacterium sp
c 159	22.6	1.5	23	1	AAX23854	Pan-bacterial 16S
c 160	22.6	1.5	23	1	ABS71586	Universal probe us
161	22.6	1.5	23	1	ABS71590	Bacterial 16s RNA
162	22.6	1.5	23	1	ADO15335	DNA probe used for
163	22.2	1.5	23	1	AAV61114	Lactobacillus sp.
164	22	1.4	22	1	AAQ37350	PCR primer PL06, f
c 165	22	1.4	22	1	AAQ36184	Oligonucleotide-c
c 166	22	1.4	22	1	AAQ70295	Eubacteria capture
167	22	1.4	22	1	AAT02084	P.cepacia 16S rRNA
168	22	1.4	22	1	AAT02080	P.cepacia 16S rRNA
169	22	1.4	22	1	AAT02077	P.cepacia 16S rRNA
170	22	1.4	22	1	AAT40385	Corynebacterium sp
171	22	1.4	22	1	AAT40497	Corynebacterium sp
172	22	1.4	22	1	AAT40546	Corynebacterium sp
173	22	1.4	22	1	AAT40395	Corynebacterium sp
174	22	1.4	22	1	AAT40488	Corynebacterium sp
175	22	1.4	22	1	AAT40493	Corynebacterium sp
176	22	1.4	22	1	AAT40542	Corynebacterium sp
177	22	1.4	22	1	AAT40544	Corynebacterium sp
c 178	22	1.4	22	1	AAT74103	Probe DL05 for ide
c 179	22	1.4	22	1	AAX04638	PCR primer 2 used
c 180	22	1.4	22	1	AAX02713	Eubacterial 16S rR
c 181	22	1.4	22	1	AAZ09417	E. coli 16S rRNA s
c 182	22	1.4	22	1	AAX60967	Donor probe hybrid
c 183	22	1.4	22	1	AAA39033	Unknown bacterial
184	22	1.4	22	1	AAZ44008	Enterobacteriaceae
185	22	1.4	22	1	AAF62183	PCR primer PL06 fo
c 186	22	1.4	22	1	AAD16467	K. singaporensis K
c 187	22	1.4	22	1	AAD16465	K. singaporensis K
188	22	1.4	22	1	AAH21179	Gram negative bact
c 189	22	1.4	22	1	AAS11048	Bacterial 16s RNA

c 190	22	1.4	22	1	AAF23061	C. trachomatis 16S
c 191	22	1.4	22	1	AAF23050	Legionella 16S rRN
c 192	22	1.4	22	1	AAF23117	N. gonorrhoeae rRNA
c 193	22	1.4	22	1	AAF23078	Campylobacter 16S
194	22	1.4	22	1	AAD30072	Escherichia coli 1
195	22	1.4	22	1	ABS71588	Bacterial 16s RNA
196	22	1.4	22	1	ABS71584	Forward primer for
c 197	22	1.4	22	1	ABN84205	Salinospora sp. 16
198	22	1.4	22	1	ABZ69534	Quantitative analy
c 199	22	1.4	22	1	ABZ69530	Quantitative analy
200	22	1.4	22	1	ADO42850	Primer of the inve
201	22	1.4	22	1	ADO15325	PCR primer used fo
202	22	1.4	22	1	ADO15338	DNA probe used for
203	22	1.4	22	1	ADP47681	Broad range PCR pr
204	22	1.4	22	1	ADP47377	Intelligent PCR pr
205	22	1.4	22	1	ADP47563	Intelligent PCR pr
206	22	1.4	22	1	ADP47379	Intelligent PCR pr
207	22	1.4	22	1	ADP47599	Intelligent PCR pr
c 208	22	1.4	22	1	ADP47558	Intelligent PCR pr
209	22	1.4	22	1	ADQ59957	Intelligent PCR pr
210	22	1.4	22	1	ADQ59737	Intelligent PCR pr
c 211	22	1.4	22	1	ADQ59916	Intelligent PCR pr
212	22	1.4	22	1	ADQ59735	Intelligent PCR pr
213	22	1.4	22	1	ADQ59921	Intelligent PCR pr
214	22	1.4	22	1	ADQ60039	Broad range PCR pr
c 215	22	1.4	22	1	ADS18915	Reverse PCR primer
c 216	22	1.4	22	1	ADU40709	Novel nucleotide a
217	22	1.4	22	1	ADV11925	Novel coliform bac
c 218	22	1.4	22	1	ADZ66123	16s rRNA reverse P
219	22	1.4	22	1	ADV24927	Probe 2 targeted t
c 220	22	1.4	22	1	ADU76907	16s rRNA reverse P
c 221	22	1.4	22	1	ADZ69178	Eubacterial PCR pr
222	22	1.4	23	1	AAT02088	P.cepacia 16S rRNA
223	22	1.4	23	1	AAT40500	Corynebacterium sp
c 224	22	1.4	23	1	ABL59824	Universal probe SE
c 225	22	1.4	23	1	ADR32174	Escherichia coli r
c 226	21.6	1.4	22	1	AAX82007	Bacterial 16S rRNA
c 227	21.6	1.4	22	1	AAZ86877	16S rRNA PCR prime
c 228	21.6	1.4	22	1	AAF54840	Primer used for sp
c 229	21.6	1.4	22	1	ABZ69287	J lividum 16s ribo
c 230	21.6	1.4	22	1	ABZ23953	A. radiobacter 16S
231	21.6	1.4	22	1	AAL55784	uni785 oligo prime
c 232	21.6	1.4	22	1	ADG25781	Bacterial universa
c 233	21.6	1.4	22	1	ADK65756	Reverse primer 149
c 234	21.6	1.4	22	1	ADU39844	Alcanivorax sp. OK
c 235	21.6	1.4	22	1	ADV25289	Primer 1492R used
c 236	21.6	1.4	22	1	ADW16281	PCR primer 1492r t
c 237	21.2	1.4	22	1	AAN90462	Escherichia coli 1
c 238	21.2	1.4	22	1	AAQ10471	Probe UP2D for bac
239	21.2	1.4	22	1	ADO15329	PCR primer used fo
c 240	21	1.4	21	1	AAQ10127	Probe 1640 to the
c 241	21	1.4	21	1	AAQ23558	PCR Primer #2 for
c 242	21	1.4	21	1	AAQ36908	E. coli 16S rRNA o
243	21	1.4	21	1	AAT02074	P.cepacia 16S rRNA
244	21	1.4	21	1	AAT02078	P.cepacia 16S rRNA
245	21	1.4	21	1	AAT02085	P.cepacia 16S rRNA
246	21	1.4	21	1	AAT02081	P.cepacia 16S rRNA

c 247	21	1.4	21	1	AAT11573	16S rRNA reverse p
248	21	1.4	21	1	AAT40486	Corynebacterium sp
249	21	1.4	21	1	AAT40494	Corynebacterium sp
250	21	1.4	21	1	AAT40396	Corynebacterium sp
251	21	1.4	21	1	AAT40489	Corynebacterium sp
252	21	1.4	21	1	AAT40382	Corynebacterium sp
253	21	1.4	21	1	AAT40394	Corynebacterium sp
254	21	1.4	21	1	AAT40498	Corynebacterium sp
255	21	1.4	21	1	AAT40386	Corynebacterium sp
c 256	21	1.4	21	1	AAT45274	Bacterial 16S rRNA
c 257	21	1.4	21	1	AAV21120	16S rRNA Escherich
258	21	1.4	21	1	AAV12194	Clavibacter michig
259	21	1.4	21	1	AAV73501	Blocking oligonucl
260	21	1.4	21	1	AAZ44000	Bacteria detecting
261	21	1.4	21	1	AAH73860	Cyanophycean PCR p
c 262	21	1.4	21	1	AAS11044	Bacterial 16s RNA
c 263	21	1.4	21	1	AAS11042	Bacterial 16s RNA
c 264	21	1.4	21	1	AAS11043	Bacterial 16s RNA
c 265	21	1.4	21	1	AAS11046	Bacterial 16s RNA
266	21	1.4	21	1	ABK29465	Aeromonas species
c 267	21	1.4	21	1	ACC48610	Erwinia pyrifoliae
268	21	1.4	21	1	ACF04150	AmpliSeq DNA ampli
269	21	1.4	21	1	ADH52759	PCR primer D0056 u
c 270	21	1.4	21	1	ADN40851	PCR primer used to
c 271	21	1.4	21	1	ADP47546	Intelligent PCR pr
c 272	21	1.4	21	1	ADP47372	Intelligent PCR pr
273	21	1.4	21	1	ADQ15202	Fusobacterium nucl
c 274	21	1.4	21	1	ADQ59904	Intelligent PCR pr
c 275	21	1.4	21	1	ADQ59730	Intelligent PCR pr
c 276	21	1.4	21	1	ADQ75698	M. tuberculosis PC
277	21	1.4	21	1	ADS15239	H.pylori 16s rRNA
c 278	21	1.4	21	1	ADS15243	H.pylori 16s rRNA
c 279	21	1.4	21	1	ADS75285	Universal PCR prim
c 280	21	1.4	21	1	ADU80002	E. coli 16S rRNA m
281	21	1.4	21	1	ADZ81625	PCR primer D56 for
282	21	1.4	21	1	AEB15066	Vibrio parahaemoly
283	21	1.4	21	1	AEA22510	16S rDNA universal
c 284	21	1.4	21	1	AEA22544	16S rDNA universal
285	21	1.4	22	1	AAT02089	P.cepacia 16S rRNA
286	21	1.4	22	1	AAT40501	Corynebacterium sp
c 287	21	1.4	22	1	ADF94061	Microorganism dete
c 288	20.6	1.3	21	1	AAT60344	Reverse primer for
c 289	20.6	1.3	21	1	AAV45917	Biosensor oligonuc
c 290	20.6	1.3	21	1	AAX57749	Oligonucleotide 14
c 291	20.6	1.3	21	1	AAC58781	Bacterial 16S rRNA
c 292	20.6	1.3	21	1	ABS53672	Antimicrobial agen
c 293	20.6	1.3	21	1	ADV96672	Rhizobium 16S rDNA
c 294	20.2	1.3	21	1	AAN90466	Escherichia coli 1
c 295	20.2	1.3	21	1	AAQ10474	Probe UP20B for ba
296	20	1.3	20	1	AAQ22065	Sequence of primer
297	20	1.3	20	1	AAQ23557	PCR Primer #1 for
298	20	1.3	20	1	AAQ28911	PCR primer DG73 fo
c 299	20	1.3	20	1	AAQ49100	P. multocida 16S r
c 300	20	1.3	20	1	AAQ49144	A. pleuropneumonia
301	20	1.3	20	1	AAQ62068	Lactobacillus 16S/
302	20	1.3	20	1	AAQ86928	Primer (DG73) used
303	20	1.3	20	1	AAQ89942	Listeria 16S rDNA

304	20	1.3	20	1	AAQ88201	lactobacillus sp.
305	20	1.3	20	1	AAT02070	P.cepacia 16S rRNA
306	20	1.3	20	1	AAT02075	P.cepacia 16S rRNA
307	20	1.3	20	1	AAT01868	P.cepacia 16S rRNA
c 308	20	1.3	20	1	AAQ90283	16S rRNA gene PCR
309	20	1.3	20	1	AAQ90287	16S rRNA gene PCR
310	20	1.3	20	1	AAT06836	Probe A (Set 14) f
c 311	20	1.3	20	1	AAT28559	Universal bacteria
312	20	1.3	20	1	AAT40380	Corynebacterium sp
313	20	1.3	20	1	AAT40383	Corynebacterium sp
314	20	1.3	20	1	AAT40490	Corynebacterium sp
315	20	1.3	20	1	AAT40387	Corynebacterium sp
316	20	1.3	20	1	AAT06561	Probe A (Set 14) f
317	20	1.3	20	1	AAT33270	Primer for amplify
318	20	1.3	20	1	AAT33266	Primer for amplify
c 319	20	1.3	20	1	AAT45272	Bacterial 16S rRNA
320	20	1.3	20	1	AAT45273	Bacterial 16S rRNA
321	20	1.3	20	1	AAV34337	Burkholderia casid
322	20	1.3	20	1	AAV52745	Actinomycete detec
323	20	1.3	20	1	AAV57486	Probe 13B-C, used
c 324	20	1.3	20	1	AAX99920	E. coli signal rec
325	20	1.3	20	1	AAV73503	Blocking oligonucl
326	20	1.3	20	1	AAZ48665	PCR primer for L.
327	20	1.3	20	1	AAZ43986	Bacteria detecting
c 328	20	1.3	20	1	AAZ43977	Bacterial 16S rRNA
c 329	20	1.3	20	1	AAZ90517	Primer hybridising
330	20	1.3	20	1	AAC64801	Novel strand displ
331	20	1.3	20	1	AAC63122	Novel strand displ
332	20	1.3	20	1	AAC65212	Allele-specific st
333	20	1.3	20	1	AAC65145	Novel strand displ
c 334	20	1.3	20	1	ABA76951	Universal PCR prim
c 335	20	1.3	20	1	AAH43821	E. coli 16S rRNA g
c 336	20	1.3	20	1	AAH42848	Nucleotide sequenc
c 337	20	1.3	20	1	AAF95144	rrs gene PCR prime
c 338	20	1.3	20	1	AAF95118	rrs 915 region PCR
339	20	1.3	20	1	AAF95121	rrs 1400 region PC
c 340	20	1.3	20	1	AAC89985	16S rRNA PCR prime
c 341	20	1.3	20	1	AAC69072	Escherichia coli 1
342	20	1.3	20	1	AAH21190	Bacterial 16S rRNA
343	20	1.3	20	1	AAH21205	Bacterial and fung
c 344	20	1.3	20	1	AAH21194	Bacterial 16S rRNA
c 345	20	1.3	20	1	AAH21206	Bacterial and fung
c 346	20	1.3	20	1	AAH03004	Microorganism dete
c 347	20	1.3	20	1	AAH03006	Microorganism dete
c 348	20	1.3	20	1	AAH03000	Microorganism dete
c 349	20	1.3	20	1	AAH03002	Microorganism dete
350	20	1.3	20	1	AAC63603	Bacterial 16S rRNA
c 351	20	1.3	20	1	AAC65130	Myosin mRNA captur
c 352	20	1.3	20	1	AAC65128	Electrophoretic ge
353	20	1.3	20	1	AAC64863	Novel strand displ
c 354	20	1.3	20	1	AAS11132	Bacterial 16s RNA
c 355	20	1.3	20	1	AAS11047	Bacterial 16s RNA
c 356	20	1.3	20	1	AAF23043	M. pneumoniae 5S r
c 357	20	1.3	20	1	AAC63203	Capture probe #1 u
358	20	1.3	20	1	ABK97324	16S rRNA gene G-C
359	20	1.3	20	1	ABK97297	16S rRNA gene H-C
c 360	20	1.3	20	1	ABL59066	Nucleotide sequenc

c 361	20	1.3	20	1	AAL49238	N tabacum 16S-rDNA
c 362	20	1.3	20	1	ABL41646	Primer #2 relating
c 363	20	1.3	20	1	AAI64227	Reverse primer for
c 364	20	1.3	20	1	ACC48547	Affinity-labeled p
365	20	1.3	20	1	ACC48611	Erwinia pyrifoliae
c 366	20	1.3	20	1	ABX94578	23S/16S rRNA detec
c 367	20	1.3	20	1	ACA99389	Enzyme DNA PCR pri
368	20	1.3	20	1	ACA99386	Enzyme DNA PCR pri
369	20	1.3	20	1	ACA99385	Enzyme DNA PCR pri
370	20	1.3	20	1	ACC42461	16S RNA gene PCR p
c 371	20	1.3	20	1	ACC42464	16S RNA gene PCR p
c 372	20	1.3	20	1	ACF04151	AmpliSeq DNA ampli
c 373	20	1.3	20	1	ADA27426	Micoorganism seque
c 374	20	1.3	20	1	ADA27428	Micoorganism seque
c 375	20	1.3	20	1	ADA27424	Micoorganism seque
c 376	20	1.3	20	1	ADA27430	Micoorganism seque
377	20	1.3	20	1	ADB39024	PCR primer bio-pJB
c 378	20	1.3	20	1	ADB39025	PCR primer B-V3 AS
379	20	1.3	20	1	ADC61172	Baeyer-Villiger en
c 380	20	1.3	20	1	ADC61168	Baeyer-Villiger en
381	20	1.3	20	1	ADC02545	Consensus rRNA gen
382	20	1.3	20	1	ADG44153	16S rDNA primer #7
383	20	1.3	20	1	ADG18008	Unknown bacterial
384	20	1.3	20	1	ABX11121	Universal PCR prim
385	20	1.3	20	1	ABX11119	Universal PCR prim
386	20	1.3	20	1	ADK70934	Cff DNA related PC
387	20	1.3	20	1	ADL27943	16S rDNA sequencin
388	20	1.3	20	1	ADM96497	PCR primer of the
c 389	20	1.3	20	1	ADM96498	PCR primer of the
390	20	1.3	20	1	ADF47799	Bacterial 16S rDNA
c 391	20	1.3	20	1	ADF56675	Saccharothrix sp 1
c 392	20	1.3	20	1	ADG64524	PCR primer GMG 4 f
c 393	20	1.3	20	1	ADG84412	Fungal 16S ribosom
c 394	20	1.3	20	1	ADG84416	Fungal 16S ribosom
c 395	20	1.3	20	1	ADH57060	DNA probe immobili
396	20	1.3	20	1	ADI04182	C. trachomatis 16S
c 397	20	1.3	20	1	ADK65757	Reverse primer 907
c 398	20	1.3	20	1	ADM81033	Microbial 16SrDNA
399	20	1.3	20	1	ADM72736	16S rDNA PCR prime
400	20	1.3	20	1	ADO15339	DNA probe used for
c 401	20	1.3	20	1	ADP74583	Reverse PCR primer
402	20	1.3	20	1	ADP47505	Intelligent PCR pr
c 403	20	1.3	20	1	ADP47556	Intelligent PCR pr
c 404	20	1.3	20	1	ADP47380	Intelligent PCR pr
405	20	1.3	20	1	ADP47581	Intelligent PCR pr
c 406	20	1.3	20	1	ADP47682	Broad range PCR pr
407	20	1.3	20	1	ADP47359	Intelligent PCR pr
c 408	20	1.3	20	1	ADP47540	Intelligent PCR pr
409	20	1.3	20	1	ADQ59717	Intelligent PCR pr
c 410	20	1.3	20	1	ADQ60040	Broad range PCR pr
411	20	1.3	20	1	ADQ59939	Intelligent PCR pr
c 412	20	1.3	20	1	ADQ59738	Intelligent PCR pr
c 413	20	1.3	20	1	ADQ59898	Intelligent PCR pr
414	20	1.3	20	1	ADQ59863	Intelligent PCR pr
c 415	20	1.3	20	1	ADQ59914	Intelligent PCR pr
416	20	1.3	20	1	ADR32138	Escherichia coli r
417	20	1.3	20	1	ADR67828	E.coli 16S ribosom

418	20	1.3	20	1	ADW16282	PCR primer 704f us
419	20	1.3	20	1	ADW13437	Gram positive 16S
c 420	20	1.3	20	1	ADW13438	Gram positive 16S
c 421	20	1.3	20	1	ADX85728	16S rRNA 3' region
c 422	20	1.3	20	1	ADY86152	16s rDNA amplifin
c 423	20	1.3	20	1	ADY69147	Microorganism ribo
c 424	20	1.3	20	1	ADZ79325	Phytic-acid specif
c 425	20	1.3	20	1	AEA22543	16S rDNA universal
426	20	1.3	20	1	AEA22509	16S rDNA universal
c 427	20	1.3	20	1	AEA22532	16S rDNA universal
428	20	1.3	20	1	AEA22511	16S rDNA universal
c 429	20	1.3	20	1	AEB47089	DNA purification m
430	20	1.3	21	1	AAT40502	Corynebacterium sp
c 431	20	1.3	21	1	AAS11041	Bacterial 16s RNA
c 432	20	1.3	21	1	AAI71625	E coli 16S rRNA pr
433	20	1.3	21	1	ABK29441	Legionella pneumop
434	20	1.3	21	1	ABZ25596	Rhodococcus T09 PC
435	20	1.3	21	1	ABX13410	Yersinia sp 16s rD
c 436	19.6	1.3	20	1	AAX57757	Oligonucleotide 68
c 437	19.6	1.3	20	1	AAF54846	Primer used for sp
438	19.6	1.3	20	1	AAH02999	Microorganism dete
439	19.6	1.3	20	1	ADA27423	Micoorganism seque
440	19.6	1.3	20	1	ADG84414	Fungal 16S ribosom
c 441	19.6	1.3	20	1	ADO15330	PCR primer used fo
c 442	19.6	1.3	20	1	ADR45509	16S rRNA gene 357f
443	19.6	1.3	20	1	ADS75288	Universal PCR prim
444	19.6	1.3	20	1	AEB77576	Proteus sp. 16S-23
445	19.2	1.3	20	1	AAV58905	PCR primer 926F fo
c 446	19.2	1.3	20	1	AAV61112	Lactobacillus sp.
447	19.2	1.3	20	1	AAV61119	Lactobacillus sp.
448	19.2	1.3	20	1	AAV58220	Lactobacillus sp.
c 449	19.2	1.3	20	1	AAV58218	Lactobacillus sp.
450	19.2	1.3	20	1	AAX57760	Oligonucleotide 92
c 451	19.2	1.3	20	1	AAF31097	Bacterial 16S rRNA
452	19.2	1.3	20	1	AAF31098	Bacterial 16S rRNA
c 453	19.2	1.3	20	1	AAF54847	Primer used for sp
c 454	19.2	1.3	20	1	AAH03122	Microorganism dete
455	19.2	1.3	20	1	AAF76227	Bacillus subtilis
c 456	19.2	1.3	20	1	AAH45249	Halomonas sp. 16S
c 457	19.2	1.3	20	1	ABZ69296	J lividum 16s ribo
c 458	19.2	1.3	20	1	ADA27546	Micoorganism seque
c 459	19.2	1.3	20	1	ADS75289	Universal PCR prim
c 460	19.2	1.3	20	1	ADW08244	Bacterial 16S rRNA
c 461	19.2	1.3	20	1	ADW15070	Bacterial 16s rDNA
462	19.2	1.3	20	1	ADX85725	16S rRNA 5' region
c 463	19	1.2	19	1	AAN90463	Escherichia coli 1
c 464	19	1.2	19	1	AAQ10472	Probe UP3A for bac
c 465	19	1.2	19	1	AAQ30525	Probe UP003A for u
c 466	19	1.2	19	1	AAQ30526	Probe UP003 for un
467	19	1.2	19	1	AAQ25832	Primer I to detect
468	19	1.2	19	1	AAT02068	P.cepacia 16S rRNA
469	19	1.2	19	1	AAT02076	P.cepacia 16S rRNA
470	19	1.2	19	1	AAT02071	P.cepacia 16S rRNA
471	19	1.2	19	1	AAT40487	Corynebacterium sp
472	19	1.2	19	1	AAT40397	Corynebacterium sp
473	19	1.2	19	1	AAT40484	Corynebacterium sp
474	19	1.2	19	1	AAT40485	Corynebacterium sp

475	19	1.2	19	1	AAT40388	Corynebacterium sp
476	19	1.2	19	1	AAT40393	Corynebacterium sp
477	19	1.2	19	1	AAT40491	Corynebacterium sp
478	19	1.2	19	1	AAT40391	Corynebacterium sp
479	19	1.2	19	1	AAT40378	Corynebacterium sp
480	19	1.2	19	1	AAT40384	Corynebacterium sp
c 481	19	1.2	19	1	AAT10134	Probe for the dete
c 482	19	1.2	19	1	AAT73232	Probe #2 targets b
c 483	19	1.2	19	1	AAV24429	Probe UP042 for My
c 484	19	1.2	19	1	AAV12992	Escherichia coli 1
c 485	19	1.2	19	1	AAX89817	M. tuberculosis 16
486	19	1.2	19	1	AAZ43975	Bacterial 16S rRNA
487	19	1.2	19	1	AAZ44001	Enterobacteriaceae
488	19	1.2	19	1	AAZ44004	Enterobacteriaceae
489	19	1.2	19	1	AAZ44007	Enterobacteriaceae
c 490	19	1.2	19	1	AAA92293	16S ribosomal DNA
491	19	1.2	19	1	ABL57587	Forward primer Eu5
c 492	19	1.2	19	1	ABL57586	Reverse primer Eu8
c 493	19	1.2	19	1	AAF82059	16SrRNA PCR primer
c 494	19	1.2	19	1	AAF82062	16SrRNA PCR primer
c 495	19	1.2	19	1	AAC87532	Psychrobacter paci
c 496	19	1.2	19	1	AAC87534	16S rDNA PCR prime
497	19	1.2	19	1	AAC87535	16S rDNA PCR prime
c 498	19	1.2	19	1	ABS71585	Reverse primer for
499	19	1.2	19	1	ABS71591	Bacterial 16s RNA
c 500	19	1.2	19	1	ABA04396	Fucophilus fucoida
c 501	19	1.2	19	1	ABA97673	Primer # 3. Unide
502	19	1.2	19	1	ABA97672	Primer # 2. Unide
503	19	1.2	19	1	ABL95941	PCR primer #4 for
c 504	19	1.2	19	1	ABL95940	PCR primer #3 for
505	19	1.2	19	1	ABL95948	Probe #25 for assa
c 506	19	1.2	19	1	ADF91902	16S ribosomal DNA
c 507	19	1.2	19	1	ACC42458	16S RNA gene PCR p
508	19	1.2	19	1	ADC61171	Baeyer-Villiger en
c 509	19	1.2	19	1	ADH52760	PCR primer D0057 u
c 510	19	1.2	19	1	ADN40849	PCR primer used to
511	19	1.2	19	1	ADN40850	PCR primer used to
c 512	19	1.2	19	1	ADH76642	Eubacteria 16S rRN
c 513	19	1.2	19	1	ADH76644	Eubacteria 16S rRN
c 514	19	1.2	19	1	ADH76643	Eubacteria 16S rRN
c 515	19	1.2	19	1	ADL16803	PCR primer (SEQ ID
516	19	1.2	19	1	ADM81030	Microbial 16SrDNA
517	19	1.2	19	1	ADL96419	L. casei KE01 PCR
c 518	19	1.2	19	1	ADN71895	rRNA target site-s
c 519	19	1.2	19	1	ADM76991	RrsH gene PCR prim
c 520	19	1.2	19	1	ADO15326	PCR primer used fo
521	19	1.2	19	1	ADP47513	Intelligent PCR pr
522	19	1.2	19	1	ADP47583	Intelligent PCR pr
523	19	1.2	19	1	ADP47547	Intelligent PCR pr
524	19	1.2	19	1	ADP47541	Intelligent PCR pr
c 525	19	1.2	19	1	ADP47518	Intelligent PCR pr
526	19	1.2	19	1	ADP47515	Intelligent PCR pr
c 527	19	1.2	19	1	ADP47544	Intelligent PCR pr
528	19	1.2	19	1	ADP47579	Intelligent PCR pr
c 529	19	1.2	19	1	ADP47362	Intelligent PCR pr
530	19	1.2	19	1	ADP47585	Intelligent PCR pr
c 531	19	1.2	19	1	ADP47590	Intelligent PCR pr

	532	19	1.2	19	1	ADQ59899	Intelligent PCR pr
	533	19	1.2	19	1	ADQ59871	Intelligent PCR pr
	534	19	1.2	19	1	ADQ59873	Intelligent PCR pr
c	535	19	1.2	19	1	ADQ59948	Intelligent PCR pr
	536	19	1.2	19	1	ADQ59943	Intelligent PCR pr
	537	19	1.2	19	1	ADQ59905	Intelligent PCR pr
c	538	19	1.2	19	1	ADQ59902	Intelligent PCR pr
	539	19	1.2	19	1	ADQ59941	Intelligent PCR pr
c	540	19	1.2	19	1	ADQ59876	Intelligent PCR pr
c	541	19	1.2	19	1	ADQ59720	Intelligent PCR pr
	542	19	1.2	19	1	ADQ59937	Intelligent PCR pr
c	543	19	1.2	19	1	ADQ94518	Melanin inhibitor-
	544	19	1.2	19	1	ADR44114	Complement of PCR
c	545	19	1.2	19	1	ADR44113	PCR primer used to
c	546	19	1.2	19	1	ADS19039	PCR primer used to
	547	19	1.2	19	1	ADX55421	PCR primer F482.
	548	19	1.2	19	1	ADW42907	Lactobacillus dete
	549	19	1.2	19	1	ADW42918	Lactobacillus dete
c	550	19	1.2	19	1	ADX85726	16S rRNA 5' region
	551	19	1.2	19	1	ADX85727	16S rRNA 3' region
c	552	19	1.2	19	1	ADY71484	Geobacillus solubi
c	553	19	1.2	19	1	ADZ67004	Lactic acid bacter
c	554	19	1.2	19	1	ADZ81626	PCR primer D57 for
c	555	19	1.2	19	1	ADZ81641	PCR primer D57 for
c	556	19	1.2	19	1	ADZ69182	Eubacterial PCR pr
	557	19	1.2	19	1	ADZ69179	Eubacterial PCR pr
c	558	19	1.2	19	1	ADZ79326	Phytic-acid specif
c	559	19	1.2	19	1	AEA22531	16S rDNA universal
c	560	19	1.2	19	1	AEA22533	16S rDNA universal
	561	19	1.2	19	1	AEA22508	16S rDNA universal
	562	19	1.2	19	1	AEA22512	16S rDNA universal
	563	19	1.2	19	1	AEA22499	16S rDNA universal
c	564	19	1.2	19	1	AEA22542	16S rDNA universal
	565	19	1.2	19	1	AEA29204	Sepsis detection c
	566	19	1.2	19	1	AEB11983	16s/23s rRNA ribos
	567	19	1.2	20	1	ABK97295	16S rRNA gene G-C
	568	19	1.2	20	1	AAL55785	uni1088 oligo prim
	569	19	1.2	20	1	ADE34268	Chlamydomonas pall
	570	19	1.2	20	1	ADE34249	I-CpaII DSB recogn
	571	19	1.2	20	1	ADF94807	C. pallidostigmati
c	572	19	1.2	20	1	ADP47554	Intelligent PCR pr
c	573	19	1.2	20	1	ADQ59912	Intelligent PCR pr
c	574	19	1.2	20	1	ADY27680	Bacterial nucleic
c	575	19	1.2	20	1	ADZ18257	Beverage-spoiling
c	576	18.6	1.2	19	1	AAD10992	Reverse PCR primer
c	577	18.6	1.2	19	1	ABL59469	Nucleotide sequenc
	578	18.6	1.2	19	1	ABL59063	Nucleotide sequenc
c	579	18.6	1.2	19	1	ABL59058	Nucleotide sequenc
c	580	18.6	1.2	19	1	ACD28002	Ecological environ
c	581	18.6	1.2	19	1	AEA15815	Human Enterobacter
c	582	18.2	1.2	19	1	AAH48698	E. coli 16S rRNA p
	583	18.2	1.2	19	1	ADO85476	PCR primer to ampl
	584	18	1.2	18	1	AAN82167	Sequence #25 recog
c	585	18	1.2	18	1	AAN90464	Escherichia coli 1
c	586	18	1.2	18	1	AAQ10473	Probe UP7B for bac
	587	18	1.2	18	1	AAQ20316	PCR primer 16SRRI
c	588	18	1.2	18	1	AAQ30524	Probe UP007 for un

c 589	18	1.2	18	1	AAQ24641	Probe UP007 used i
c 590	18	1.2	18	1	AAQ52786	Sequence of probe
591	18	1.2	18	1	AAQ46115	Primer #1. Synthe
592	18	1.2	18	1	AAQ46117	Primer #3. Synthe
c 593	18	1.2	18	1	AAQ62624	Primer (2) for ide
594	18	1.2	18	1	AAT02072	P.cepacia 16S rRNA
c 595	18	1.2	18	1	AAQ86148	Enterobacter sp. d
c 596	18	1.2	18	1	AAQ87924	Klebsiella 16S rRN
597	18	1.2	18	1	AAT40392	Corynebacterium sp
598	18	1.2	18	1	AAT40379	Corynebacterium sp
599	18	1.2	18	1	AAT40381	Corynebacterium sp
600	18	1.2	18	1	AAT33268	Primer for amplify
c 601	18	1.2	18	1	AAT33267	Primer for amplify
c 602	18	1.2	18	1	AAT33265	Primer for amplify
c 603	18	1.2	18	1	AAT84798	789 rev 16S rRNA B
c 604	18	1.2	18	1	AAV02916	Bacterial ribosoma
605	18	1.2	18	1	AAV02655	Staphylococcus sp.
606	18	1.2	18	1	AAT90667	Primer fl6s for Ye
c 607	18	1.2	18	1	AAT89858	Oligonucleotide UP
c 608	18	1.2	18	1	AAV45915	Biosensor oligonuc
c 609	18	1.2	18	1	AAV36827	Nucleotide sequenc
c 610	18	1.2	18	1	AAV54098	Nucleotide sequenc
c 611	18	1.2	18	1	AAV60119	PCR primer used to
612	18	1.2	18	1	AAV17796	Microorganism MO7
c 613	18	1.2	18	1	AAV61680	Fusarium sp. 18S r
c 614	18	1.2	18	1	AAX26704	Probe SBac338 for
615	18	1.2	18	1	AAV62780	Probe for prokaryo
616	18	1.2	18	1	AAV45651	Probe for prokaryo
c 617	18	1.2	18	1	AAV81460	Probe targeted to
618	18	1.2	18	1	AAX04483	Strain MO7 16S rDN
619	18	1.2	18	1	AAA39028	Unknown bacterial
c 620	18	1.2	18	1	AAA39035	Unknown bacterial
c 621	18	1.2	18	1	AAA39029	Unknown bacterial
622	18	1.2	18	1	AAA39034	Unknown bacterial
c 623	18	1.2	18	1	AAC87902	Pseudomonas sp. ol
c 624	18	1.2	18	1	AAC58779	Nitrifying microor
625	18	1.2	18	1	AAH44160	Escherichia coli 1
626	18	1.2	18	1	AAS14838	Mycoplasma 16S rDN
627	18	1.2	18	1	AAF89951	Probe for characte
c 628	18	1.2	18	1	AAH21702	Bacterial 16S rRNA
c 629	18	1.2	18	1	AAC87540	Universal 16S rDNA
c 630	18	1.2	18	1	AAC87536	16S rDNA PCR prime
631	18	1.2	18	1	AAC87537	16S rDNA PCR prime
632	18	1.2	18	1	AAH27457	Oligonucleotide #1
c 633	18	1.2	18	1	AAH21192	Bacterial 16S rRNA
634	18	1.2	18	1	AAH03001	Microorganism dete
c 635	18	1.2	18	1	AAS11151	Bacterial 16s RNA
c 636	18	1.2	18	1	AAI71624	E coli 16S rRNA pr
637	18	1.2	18	1	ABL53243	PCR primer A1.1.
c 638	18	1.2	18	1	ABL41937	PCR primer used to
639	18	1.2	18	1	ABL41927	PCR primer A1.1 us
640	18	1.2	18	1	ABK29453	Aeromonas media/eu
641	18	1.2	18	1	ABK29450	Aeromonas hydrophi
642	18	1.2	18	1	ABL96289	Primer #1 used dur
c 643	18	1.2	18	1	ABS66047	Universal bacteria
c 644	18	1.2	18	1	ABZ76682	Antisense PCR prim
c 645	18	1.2	18	1	ACC47607	Bacterial 16S rRNA

c 646	18	1.2	18	1	ABZ69293	J lividum 16s ribo
c 647	18	1.2	18	1	ACA99388	Enzyme DNA PCR pri
648	18	1.2	18	1	ACA99383	Enzyme DNA PCR pri
649	18	1.2	18	1	ADA27425	Micoorganism seque
650	18	1.2	18	1	ADZ51875	E. coli 16S rRNA g
c 651	18	1.2	18	1	ADF29123	Dissociation curve
652	18	1.2	18	1	ADF29122	Dissociation curve
653	18	1.2	18	1	ADF30772	16S rRNA PCR prime
c 654	18	1.2	18	1	ADF30773	16S rRNA PCR prime
655	18	1.2	18	1	ADG84410	Fungal 16S ribosom
656	18	1.2	18	1	ADH50555	Bacterial DNA prim
c 657	18	1.2	18	1	ADJ57006	Primer 18S#2 for 1
658	18	1.2	18	1	ADM76990	RrsH gene PCR prim
c 659	18	1.2	18	1	ADP22083	PCR primer R1389 t
660	18	1.2	18	1	ADQ78375	R mucilaginoso 23S
661	18	1.2	18	1	ADP47369	Intelligent PCR pr
662	18	1.2	18	1	ADP47543	Intelligent PCR pr
c 663	18	1.2	18	1	ADP47374	Intelligent PCR pr
c 664	18	1.2	18	1	ADP47596	Intelligent PCR pr
c 665	18	1.2	18	1	ADP47506	Intelligent PCR pr
666	18	1.2	18	1	ADP47545	Intelligent PCR pr
c 667	18	1.2	18	1	ADP47382	Intelligent PCR pr
c 668	18	1.2	18	1	ADP47680	Broad range PCR pr
669	18	1.2	18	1	ADP47591	Intelligent PCR pr
c 670	18	1.2	18	1	ADP47376	Intelligent PCR pr
c 671	18	1.2	18	1	ADP47464	Intelligent PCR pr
672	18	1.2	18	1	ADQ60082	M. morganii 23S rR
c 673	18	1.2	18	1	ADQ59732	Intelligent PCR pr
c 674	18	1.2	18	1	ADQ59864	Intelligent PCR pr
c 675	18	1.2	18	1	ADQ59954	Intelligent PCR pr
676	18	1.2	18	1	ADQ59901	Intelligent PCR pr
c 677	18	1.2	18	1	ADQ59740	Intelligent PCR pr
c 678	18	1.2	18	1	ADQ59734	Intelligent PCR pr
679	18	1.2	18	1	ADQ59903	Intelligent PCR pr
680	18	1.2	18	1	ADQ59949	Intelligent PCR pr
c 681	18	1.2	18	1	ADQ60038	Broad range PCR pr
682	18	1.2	18	1	ADQ59727	Intelligent PCR pr
c 683	18	1.2	18	1	ADQ59822	Intelligent PCR pr
c 684	18	1.2	18	1	ADP79727	Anti-tumour macrol
685	18	1.2	18	1	ADR03548	Rhodococcus erythr
c 686	18	1.2	18	1	ADR03549	Rhodococcus erythr
c 687	18	1.2	18	1	ADR03547	Rhodococcus erythr
c 688	18	1.2	18	1	ADR45527	16S rRNA gene 357f
c 689	18	1.2	18	1	ADR75281	16S rDNA gene-spec
c 690	18	1.2	18	1	ADR75288	16S ribosomal RNA
691	18	1.2	18	1	ADS16971	16s and 18s rDNA g
c 692	18	1.2	18	1	ADW70031	E. coli derived pr
693	18	1.2	18	1	ADY27689	Target polynucleot
694	18	1.2	18	1	ADY27676	Target polynucleot
695	18	1.2	18	1	ADZ67280	Frigoribacterium g
c 696	18	1.2	18	1	ADZ67279	Frigoribacterium g
697	18	1.2	18	1	AEA22498	16S rDNA universal
c 698	18	1.2	18	1	AEA22530	16S rDNA universal
699	18	1.2	18	1	AEA22507	16S rDNA universal
c 700	18	1.2	18	1	AEA22523	16S rDNA universal
701	18	1.2	18	1	AEA22500	16S rDNA universal
702	18	1.2	18	1	AEA22513	16S rDNA universal

c 703	18	1.2	18	1	AEA22541	16S rDNA universal
704	18	1.2	18	1	AEA22420	Acid-fast bacteriu
c 705	18	1.2	18	1	AEA22534	16S rDNA universal
c 706	18	1.2	18	1	AEA22988	Meningitis pathoge
c 707	17.6	1.2	18	1	AAD16171	Escherichia sp. id
708	17.6	1.2	18	1	AAF89948	Probe for characte
709	17.6	1.2	18	1	AAF54841	Primer used for sp
c 710	17.6	1.2	18	1	ABS66021	Universal bacteria
c 711	17.6	1.2	18	1	ADC35704	Rhodococcus relate
c 712	17.6	1.2	18	1	ADE14819	Beer spoilage-asso
713	17.6	1.2	18	1	ADE11078	Bacterial 16S-23S
c 714	17.6	1.2	18	1	ADZ20582	Escherichia coli 1
c 715	17.2	1.1	18	1	AAQ26933	Oligomer for ident
c 716	17.2	1.1	18	1	AAV02384	Universal positive
c 717	17.2	1.1	18	1	AAV58910	PCR primer 519R fo
c 718	17.2	1.1	18	1	AAX81922	PCR primer used to
c 719	17.2	1.1	18	1	AAX27646	Universal probe Un
c 720	17.2	1.1	18	1	AAX57754	Oligonucleotide 51
c 721	17.2	1.1	18	1	AAZ09415	E. coli 16S rRNA s
c 722	17.2	1.1	18	1	AAZ48670	PCR primer for L.
c 723	17.2	1.1	18	1	AAF31096	Bacterial 16S rRNA
c 724	17.2	1.1	18	1	AAH45248	Halomonas sp. 16S
c 725	17.2	1.1	18	1	ABS53678	Antimicrobial agen
726	17.2	1.1	18	1	ABS53673	Antimicrobial agen
c 727	17.2	1.1	18	1	ABL55399	Eubacterial/univer
728	17.2	1.1	18	1	ABL55398	Eubacterial/univer
c 729	17.2	1.1	18	1	ABA02431	Bacterial 16S rRNA
730	17.2	1.1	18	1	AAD37952	Bacterial 16S ribo
c 731	17.2	1.1	18	1	ADC61170	Baeyer-Villiger en
c 732	17.2	1.1	18	1	ADE48960	Genus-specific 16S
733	17.2	1.1	18	1	ADF56677	Saccharothrix sp 1
c 734	17.2	1.1	18	1	ADF56678	Saccharothrix sp 1
c 735	17.2	1.1	18	1	ADG64527	PCR primer GMG 7 f
c 736	17.2	1.1	18	1	ADJ54145	Fluorescent in sit
737	17.2	1.1	18	1	ADJ54146	Fluorescent in sit
c 738	17.2	1.1	18	1	ADM32719	Eubacteria 16S rDN
739	17.2	1.1	18	1	ADS75286	Universal PCR prim
c 740	17.2	1.1	18	1	ADS75287	Universal PCR prim
c 741	17.2	1.1	18	1	ADY86155	16s rDNA amplifyin
742	17.2	1.1	18	1	ADY86159	16s rDNA amplifyin
c 743	17.2	1.1	18	1	ADZ69044	16S rRNA PCR prime
c 744	17.2	1.1	18	1	ADZ00182	Bacterial 16S rDNA
745	17	1.1	17	1	AAT02067	P.cepacia 16S rRNA
746	17	1.1	17	1	AAT02069	P.cepacia 16S rRNA
747	17	1.1	17	1	AAT02073	P.cepacia 16S rRNA
c 748	17	1.1	17	1	AAQ90286	16 rRNA gene PCR d
c 749	17	1.1	17	1	AAT06837	Probe A' (Set 14)
c 750	17	1.1	17	1	AAT36741	Primer #2 to ampli
c 751	17	1.1	17	1	AAT06562	Probe A' (Set 14)
c 752	17	1.1	17	1	AAT62500	16S rRNA gene PCR
753	17	1.1	17	1	AAZ48667	PCR primer for L.
754	17	1.1	17	1	AAA14175	M. pneumoniae 16S
755	17	1.1	17	1	AAH21189	Bacterial 16S rRNA
c 756	17	1.1	17	1	AAH21193	Bacterial 16S rRNA
c 757	17	1.1	17	1	AAF77080	Primer 517r. Unid
c 758	17	1.1	17	1	AAF23045	M. pneumoniae 5S r
c 759	17	1.1	17	1	ABL41929	PCR primer S9 used

	760	17	1.1	17	1	ABL41939	PCR primer used to
c	761	17	1.1	17	1	ABL41064	16s rRNA encoding
c	762	17	1.1	17	1	AAD37955	534R PCR primer us
	763	17	1.1	17	1	ABZ76680	Sense PCR primer 5
c	764	17	1.1	17	1	ABX13408	Yersinia pestis 16
	765	17	1.1	17	1	ACC70178	PCR primer used to
c	766	17	1.1	17	1	ADB16966	Oligonucleotide pr
	767	17	1.1	17	1	AAL55786	uni1392 oligo prim
c	768	17	1.1	17	1	AAL55783	uni515 oligo prime
c	769	17	1.1	17	1	ADD29353	Bacterial RNA-spec
c	770	17	1.1	17	1	ADE48962	Genus-specific 16S
	771	17	1.1	17	1	ADF56676	Saccharothrix sp 1
	772	17	1.1	17	1	ADG64525	PCR primer GMG 5 f
c	773	17	1.1	17	1	ADK51767	Novel rRNA plasmid
c	774	17	1.1	17	1	ADK51768	Novel rRNA plasmid
	775	17	1.1	17	1	ADP47381	Intelligent PCR pr
c	776	17	1.1	17	1	ADP47538	Intelligent PCR pr
	777	17	1.1	17	1	ADP47463	Intelligent PCR pr
	778	17	1.1	17	1	ADP47589	Intelligent PCR pr
	779	17	1.1	17	1	ADQ15206	Fusobacterium nucl
	780	17	1.1	17	1	ADQ59947	Intelligent PCR pr
	781	17	1.1	17	1	ADQ59821	Intelligent PCR pr
	782	17	1.1	17	1	ADQ59739	Intelligent PCR pr
c	783	17	1.1	17	1	ADQ59896	Intelligent PCR pr
c	784	17	1.1	17	1	ADR44147	16SrRNA variable V
	785	17	1.1	17	1	ADR45525	16S rRNA gene 357f
c	786	17	1.1	17	1	ADR45508	16S rRNA gene 357f
c	787	17	1.1	17	1	ADR99349	Clostridium sp. JC
c	788	17	1.1	17	1	ADU74088	Bacterial universa
c	789	17	1.1	17	1	ADV25291	Primer 8F/926R use
c	790	17	1.1	17	1	ADV98149	16S rRNA gene-rela
	791	17	1.1	17	1	ADW43109	Sequencing primer
c	792	17	1.1	17	1	ADY27694	Peptide nucleic ac
c	793	17	1.1	17	1	ADY58160	Novel microorganis
	794	17	1.1	17	1	ADY86153	16s rDNA amplifyin
c	795	17	1.1	17	1	ADY73883	Fish-disease bacte
c	796	17	1.1	17	1	ADY77576	Microorganism dete
	797	17	1.1	17	1	ADY91401	E. coli expression
	798	17	1.1	17	1	ADZ69047	16s-23s rRNA inter
c	799	17	1.1	17	1	AEA32544	16s ribosomal RNA
	800	17	1.1	17	1	AEA22506	16S rDNA universal
	801	17	1.1	17	1	AEA22514	16S rDNA universal
c	802	17	1.1	17	1	AEA22535	16S rDNA universal
	803	17	1.1	17	1	AEA22419	Acid-fast bacteriu
c	804	17	1.1	17	1	AEA22524	16S rDNA universal
	805	17	1.1	17	1	AEA22421	Acid-fast bacteriu
	806	17	1.1	17	1	AEA22493	16S rDNA universal
c	807	17	1.1	17	1	AEA22540	16S rDNA universal
	808	17	1.1	17	1	AEA22497	16S rDNA universal
c	809	17	1.1	17	1	AEA22529	16S rDNA universal
	810	17	1.1	17	1	AEA22501	16S rDNA universal
c	811	17	1.1	17	1	AEA22522	16S rDNA universal
	812	17	1.1	17	1	AEB26692	Vibrio proteolytic
	813	17	1.1	17	1	AEB26678	Vibrio proteolytic
c	814	16.6	1.1	17	1	AAV03453	Archaeal microbial
c	815	16.6	1.1	17	1	AAZ11281	Reverse primer for
c	816	16.6	1.1	17	1	AAA92046	SSU (16S) rRNA gen

c 817	16.6	1.1	17	1	ABN84445	Archaea 16S riboso
c 818	16.6	1.1	17	1	AAS18497	Reverse PCR primer
c 819	16.6	1.1	17	1	ADE48959	Genus-specific 16S
c 820	16.6	1.1	17	1	ADF56673	Saccharothrix sp 1
c 821	16.6	1.1	17	1	ADG64522	PCR primer GMG 2 f
c 822	16.6	1.1	17	1	ADS88984	Archeal 16S riboso
c 823	16.6	1.1	17	1	ADY86150	16s rDNA amplifysin
824	16.2	1.1	17	1	AAF74545	Burkholderia sp. 1
825	16.2	1.1	17	1	AAD35524	Rhodococcus erythr
826	16.2	1.1	17	1	ABQ76130	Rhodococcus AN12 1
827	16.2	1.1	17	1	ABZ75475	R. erythroplois 16
828	16.2	1.1	17	1	AAL60217	Rhodococcus erythr
829	16.2	1.1	17	1	ADA12198	Acinetobacter sp.
830	16.2	1.1	17	1	AAL56828	HK14 PCR primer to
831	16.2	1.1	17	1	ADC61174	Baeyer-Villiger en
832	16.2	1.1	17	1	AAD59834	16s rRNA gene sequ
833	16.2	1.1	17	1	ADE28621	Primer HK14 used t
834	16.2	1.1	17	1	ADG44149	16S rDNA primer #3
c 835	16.2	1.1	17	1	ADG44154	16S rDNA primer #8
836	16.2	1.1	17	1	ADG18004	Unknown bacterial
c 837	16.2	1.1	17	1	ADG18009	Unknown bacterial
838	16.2	1.1	17	1	ABX10822	Burkholderia sp 16
839	16.2	1.1	17	1	AAD48807	Rhodococcus erythr
840	16.2	1.1	17	1	ADL27939	16S rDNA sequencin
c 841	16.2	1.1	17	1	ADL27944	16S rDNA sequencin
842	16.2	1.1	17	1	ADF47795	Bacterial 16S rDNA
c 843	16.2	1.1	17	1	ADF47800	Bacterial 16S rDNA
844	16.2	1.1	17	1	ADH10172	Rhodococcus 16SrRN
845	16.2	1.1	17	1	ADH74486	TPA producing micr
846	16.2	1.1	17	1	ADW95590	PCR primer used to
847	16	1.0	16	1	AAN82156	Sequence #14 recog
848	16	1.0	16	1	AAN82168	Sequence #26 recog
849	16	1.0	16	1	AAQ55682	PCR primer used to
850	16	1.0	16	1	AAT29138	Primer (SB-1) for
851	16	1.0	16	1	AAT16747	E.coli 16S rRNA de
c 852	16	1.0	16	1	AAT10133	Primer SA16S947 fo
853	16	1.0	16	1	AAT93010	M. tuberculosis 16
854	16	1.0	16	1	AAV58797	Primer 530F for ba
855	16	1.0	16	1	AAV58799	Primer 942F for ba
856	16	1.0	16	1	AAV17798	Microorganism M07
857	16	1.0	16	1	AAV17799	Microorganism M07
858	16	1.0	16	1	AAX57762	Oligonucleotide 11
859	16	1.0	16	1	AAV62781	Probe for prokaryo
860	16	1.0	16	1	AAV45640	Probe for prokaryo
861	16	1.0	16	1	AAV62769	Probe for prokaryo
862	16	1.0	16	1	AAV45652	Probe for prokaryo
863	16	1.0	16	1	AAX04486	Strain M07 16S rDN
864	16	1.0	16	1	AAA39339	16S rRNA and 23S r
865	16	1.0	16	1	AAA08744	Primer 2 used to d
866	16	1.0	16	1	AAZ86874	16S rRNA PCR prime
c 867	16	1.0	16	1	AAH44132	RNA fragmentation
c 868	16	1.0	16	1	AAH44131	RNA fragmentation
869	16	1.0	16	1	AAH44149	Escherichia coli 1
870	16	1.0	16	1	AAH44161	Escherichia coli 1
c 871	16	1.0	16	1	AAF74544	Burkholderia sp. 1
872	16	1.0	16	1	AAH22879	R. ruber 16s rDNA
c 873	16	1.0	16	1	AAH48051	Oligonucleotide #5

874	16	1.0	16	1	AAC87539	Negative control p
c 875	16	1.0	16	1	AAH21191	Bacterial 16S rRNA
876	16	1.0	16	1	AAH21187	Bacterial 16S rRNA
c 877	16	1.0	16	1	AAD13428	Probing nucleobase
878	16	1.0	16	1	AAH75412	Bacillus subtilis
c 879	16	1.0	16	1	AAD35523	Rhodococcus erythr
c 880	16	1.0	16	1	ABS52483	RNA sequence for f
c 881	16	1.0	16	1	ABQ76129	Rhodococcus AN12 1
882	16	1.0	16	1	ABA89736	Serial analysis of
883	16	1.0	16	1	ABA89657	Serial analysis of
884	16	1.0	16	1	ABA89534	Bacterial 16S rDNA
c 885	16	1.0	16	1	ABA89743	Serial analysis of
886	16	1.0	16	1	AAD37950	Bacterial 16S ribo
887	16	1.0	16	1	ABQ78787	PCR primer Eub1055
888	16	1.0	16	1	ABZ76681	Antisense PCR prim
889	16	1.0	16	1	ACC49107	Sphingomonas strai
c 890	16	1.0	16	1	ABZ75474	R. erythroplois 16
c 891	16	1.0	16	1	AAL60216	Rhodococcus erythr
892	16	1.0	16	1	ADB16297	Cleavase BN DNA su
c 893	16	1.0	16	1	ADA12197	Acinetobacter sp.
c 894	16	1.0	16	1	AAL56827	HK13 PCR primer to
c 895	16	1.0	16	1	ADC61169	Baeyer-Villiger en
896	16	1.0	16	1	ADC61175	Baeyer-Villiger en
897	16	1.0	16	1	ADC02543	Consensus rRNA gen
c 898	16	1.0	16	1	AAD59833	16s rRNA gene ampl
c 899	16	1.0	16	1	ADE28620	PCR primer HK13 us
900	16	1.0	16	1	ADF23312	Sphingomonas 16S r
c 901	16	1.0	16	1	ADG44148	16S rDNA primer #2
c 902	16	1.0	16	1	ADG18003	Unknown bacterial
c 903	16	1.0	16	1	ABX10821	Burkholderia sp 16
c 904	16	1.0	16	1	AAD48806	Rhodococcus erythr
c 905	16	1.0	16	1	ADL27938	16S rDNA PCR prime
c 906	16	1.0	16	1	ADF47794	Bacterial 16S rDNA
907	16	1.0	16	1	ADF56674	Saccharothrix sp 1
908	16	1.0	16	1	ADG64523	PCR primer GMG 3 f
c 909	16	1.0	16	1	ADH10171	Rhodococcus 16SrRN
c 910	16	1.0	16	1	ADH74485	TPA producing micr
c 911	16	1.0	16	1	ADI05193	AZ-4 strain bacter
c 912	16	1.0	16	1	ADM88698	Bacterial 16s RNA
c 913	16	1.0	16	1	ADM81034	Microbial 16SrDNA
c 914	16	1.0	16	1	ADM44593	PCR primer 2 used
915	16	1.0	16	1	ADR03550	Rhodococcus erythr
c 916	16	1.0	16	1	ADU79995	Mycoplasma 16S rDN
917	16	1.0	16	1	ADU46663	16S rRNA gene PCR
918	16	1.0	16	1	ADU91794	Enterobacteriaceae
919	16	1.0	16	1	ADV86163	Pantoea agglomeran
920	16	1.0	16	1	ADW68515	Pantoea stewartii
c 921	16	1.0	16	1	ADW95589	PCR primer used to
922	16	1.0	16	1	ADY86151	16s rDNA amplifin
c 923	16	1.0	16	1	ADY69144	Microorganism ribo
c 924	16	1.0	16	1	ADY69146	Microorganism ribo
925	16	1.0	16	1	ADZ69180	Eubacterial PCR pr
926	16	1.0	16	1	AEA22492	16S rDNA universal
c 927	16	1.0	16	1	AEA22521	16S rDNA universal
c 928	16	1.0	16	1	AEA22518	16S rDNA universal
c 929	16	1.0	16	1	AEA22528	16S rDNA universal
930	16	1.0	16	1	AEA22451	Acid-fast bacteriu

931	16	1.0	16	1	AEA22418	Acid-fast bacteriu
932	16	1.0	16	1	AEA22490	16S rDNA universal
933	16	1.0	16	1	AEA22505	16S rDNA universal
c 934	16	1.0	16	1	AEA22525	16S rDNA universal
935	16	1.0	16	1	AEA22496	16S rDNA universal
c 936	16	1.0	16	1	AEA22539	16S rDNA universal
937	16	1.0	16	1	AEA22502	16S rDNA universal
938	16	1.0	16	1	AEA22515	16S rDNA universal
c 939	16	1.0	16	1	AEA22536	16S rDNA universal
940	16	1.0	16	1	AEA22422	Acid-fast bacteriu
941	16	1.0	16	1	AEA22987	Meningitis pathoge
942	16	1.0	16	1	AEA61081	Mycobacterium 16S-
943	16	1.0	16	1	AEB92204	Bacterial 16s rRNA
944	15.6	1.0	16	1	AAQ38152	Mycobacterium 16S
945	15.6	1.0	16	1	AAV58904	PCR primer 530F fo
946	15.6	1.0	16	1	AAV61110	Lactobacillus sp.
c 947	15.6	1.0	16	1	AAV54102	Nucleotide sequenc
c 948	15.6	1.0	16	1	AAV60123	PCR primer used to
949	15.6	1.0	16	1	AAV58216	Lactobacillus sp.
c 950	15.6	1.0	16	1	AAV61684	Fusarium sp. 18S r
951	15.6	1.0	16	1	AAX57755	Oligonucleotide 53
c 952	15.6	1.0	16	1	AAZ86875	16S rRNA PCR prime
953	15.6	1.0	16	1	AAZ86873	16S rRNA PCR prime
954	15.6	1.0	16	1	AAF31095	Bacterial 16S rRNA
c 955	15.6	1.0	16	1	ADN71907	rRNA target site-s
956	15.6	1.0	16	1	ADN71894	rRNA target site-s
c 957	15.6	1.0	16	1	ADR45528	16S rRNA gene 357f
958	15.6	1.0	16	1	ADR45526	16S rRNA gene 357f
c 959	15.6	1.0	16	1	ADY53591	FISH analysis univ
c 960	15.6	1.0	16	1	ADY69154	Microorganism ribo
c 961	15.4	1.0	36	1	ADK51763	Novel rRNA plasmid
c 962	15.2	1.0	16	1	AAX57752	Oligonucleotide 34
c 963	15.2	1.0	16	1	AAZ48669	PCR primer for L.
964	15	1.0	15	1	AAN70739	Sequence of univer
c 965	15	1.0	15	1	AAN70738	Sequence of univer
966	15	1.0	15	1	AAN82158	Sequence #16 recog
c 967	15	1.0	15	1	AAQ46116	Primer #2. Synthe
968	15	1.0	15	1	AAQ46118	Primer #4. Synthe
969	15	1.0	15	1	AAQ43493	Sequence of PCR pr
970	15	1.0	15	1	AAQ66450	Primer for amplifi
971	15	1.0	15	1	AAQ66452	Primer for amplifi
c 972	15	1.0	15	1	AAT03080	E. coli small ribo
c 973	15	1.0	15	1	AAT10138	External primer B2
c 974	15	1.0	15	1	AAV58909	PCR primer 1100R f
975	15	1.0	15	1	AAV07595	16S ribosomal RNA
976	15	1.0	15	1	AAV17794	Microorganism MO7
c 977	15	1.0	15	1	AAX57761	Oligonucleotide 11
c 978	15	1.0	15	1	AAV64848	B. cereus 16S rRNA
979	15	1.0	15	1	AAV62771	Probe for prokaryo
980	15	1.0	15	1	AAV45642	Probe for prokaryo
981	15	1.0	15	1	AAX04481	Strain MO7 16S rDN
982	15	1.0	15	1	AAX04487	Strain MO7 16S-23S
983	15	1.0	15	1	AAZ35577	Amplification prim
c 984	15	1.0	15	1	AAZ48673	PCR primer for L.
c 985	15	1.0	15	1	AAZ86876	16S rRNA PCR prime
c 986	15	1.0	15	1	AAC64802	Novel strand displ
c 987	15	1.0	15	1	AAC63123	Novel strand displ

c 988	15	1.0	15	1	AAC65213	Allele-specific st
c 989	15	1.0	15	1	AAA99760	GUS gene oligonucl
c 990	15	1.0	15	1	AAC65146	Novel strand displ
c 991	15	1.0	15	1	AAA15496	PCR primer for 16S
992	15	1.0	15	1	AAH44151	Escherichia coli 1
c 993	15	1.0	15	1	AAH22878	R. ruber 16s rDNA
994	15	1.0	15	1	AAC89994	PCR primer #1 for
995	15	1.0	15	1	AAF95082	Wild-type capture
996	15	1.0	15	1	AAF95083	Wild-type capture
c 997	15	1.0	15	1	AAC63604	Bacterial 16S rRNA
998	15	1.0	15	1	AAC62193	Oligomer antiparal
c 999	15	1.0	15	1	AAC64864	Novel strand displ
c1000	15	1.0	15	1	AAD13429	Probing nucleobase
1001	15	1.0	15	1	ABK97299	16S rRNA gene C-C
1002	15	1.0	15	1	ABK97300	16S rRNA gene T-C
1003	15	1.0	15	1	ABK97294	16S rRNA gene A-C
1004	15	1.0	15	1	ABK97298	16S rRNA gene E-C
1005	15	1.0	15	1	ABL41926	PCR primer S4 used
c1006	15	1.0	15	1	ABL41936	PCR primer used to
c1007	15	1.0	15	1	AAD37951	Bacterial 16S ribo
1008	15	1.0	15	1	ABK12582	Staphylococcus aur
c1009	15	1.0	15	1	ABX76574	M. avium 16S rRNA
1010	15	1.0	15	1	ACC97165	Consensus 16S rRNA
c1011	15	1.0	15	1	ACC49106	Sphingomonas strai
c1012	15	1.0	15	1	ACC70179	PCR primer used to
1013	15	1.0	15	1	ACC70180	PCR primer used to
c1014	15	1.0	15	1	ADC61167	Baeyer-Villiger en
c1015	15	1.0	15	1	ADE11076	16S rDNA concerved
1016	15	1.0	15	1	ADE11087	Bacterial 16S-23S
c1017	15	1.0	15	1	ADF23311	Sphingomonas 16S r
1018	15	1.0	15	1	ABX11123	Universal PCR prim
1019	15	1.0	15	1	ABX11124	Universal PCR prim
1020	15	1.0	15	1	ABX11122	Universal PCR prim
1021	15	1.0	15	1	ABX11118	Universal PCR prim
c1022	15	1.0	15	1	ADF56680	Saccharothrix sp 1
1023	15	1.0	15	1	ADF56679	Saccharothrix sp 1
1024	15	1.0	15	1	ADG64528	PCR primer GMG 8 #
c1025	15	1.0	15	1	ADG64529	PCR primer for Sac
c1026	15	1.0	15	1	ADM88699	Bacterial 16s RNA
c1027	15	1.0	15	1	ADM81032	Microbial 16SrDNA
c1028	15	1.0	15	1	ADP47378	Intelligent PCR pr
c1029	15	1.0	15	1	ADP47510	Intelligent PCR pr
c1030	15	1.0	15	1	ADP47594	Intelligent PCR pr
c1031	15	1.0	15	1	ADQ59868	Intelligent PCR pr
c1032	15	1.0	15	1	ADQ59736	Intelligent PCR pr
c1033	15	1.0	15	1	ADQ59952	Intelligent PCR pr
1034	15	1.0	15	1	ADR03546	Rhodococcus erythr
c1035	15	1.0	15	1	ADU46662	16S rRNA gene PCR
c1036	15	1.0	15	1	ADU91793	Enterobacteriaceae
c1037	15	1.0	15	1	ADV86162	Pantoea agglomeran
c1038	15	1.0	15	1	ADW68514	Pantoea stewartii
1039	15	1.0	15	1	ADY86156	16s rDNA amplifyin
c1040	15	1.0	15	1	ADY86157	16s rDNA amplifyin
1041	15	1.0	15	1	AEA22450	Acid-fast bacteriu
1042	15	1.0	15	1	AEA22491	16S rDNA universal
1043	15	1.0	15	1	AEA22417	Acid-fast bacteriu
1044	15	1.0	15	1	AEA22423	Acid-fast bacteriu

1045	15	1.0	15	1	AEA22494	16S rDNA universal
c1046	15	1.0	15	1	AEA22517	16S rDNA universal
c1047	15	1.0	15	1	AEA22519	16S rDNA universal
c1048	15	1.0	15	1	AEA22527	16S rDNA universal
1049	15	1.0	15	1	AEA22489	16S rDNA universal
1050	15	1.0	15	1	AEA22516	16S rDNA universal
c1051	15	1.0	15	1	AEA22526	16S rDNA universal
1052	15	1.0	15	1	AEA22449	Acid-fast bacteriu
1053	15	1.0	15	1	AEA22504	16S rDNA universal
c1054	15	1.0	15	1	AEA22520	16S rDNA universal
1055	15	1.0	15	1	AEA22503	16S rDNA universal
c1056	15	1.0	15	1	AEA22537	16S rDNA universal
1057	15	1.0	15	1	AEA22495	16S rDNA universal
c1058	15	1.0	15	1	AEA22538	16S rDNA universal
c1059	15	1.0	15	1	AEB92203	Bacterial 16s rRNA
c1060	14.6	1.0	15	1	AAQ13733	"Universal C" prob
c1061	14.6	1.0	15	1	AAT43279	Target sequence fo
c1062	14.6	1.0	15	1	AAV58908	PCR primer 1392R f
c1063	14.6	1.0	15	1	AAV61117	Lactobacillus sp.
c1064	14.6	1.0	15	1	AAV34654	Eubacteria 16s rRN
c1065	14.6	1.0	15	1	AAX57763	Oligonucleotide 13
c1066	14.6	1.0	15	1	AAZ48674	PCR primer for L.
c1067	14.6	1.0	15	1	AAC60181	Oligonucleotide.
c1068	14.6	1.0	15	1	AAF89935	Primer/probe hybri
c1069	14.6	1.0	15	1	AAH45250	Halomonas sp. 16S
c1070	14.6	1.0	15	1	ABL55400	Eubacterial/univer
c1071	14.6	1.0	15	1	AAD37953	Bacterial 16S ribo
c1072	14.6	1.0	15	1	ADZ51876	E. coli 16S rRNA g
c1073	14.6	1.0	15	1	ADN71896	rRNA target site-s
c1074	14.6	1.0	15	1	AEB11982	16s ribosomal RNA